

PATENT

IN THE SPECIFICATION

Please amend the paragraphs of the specification as follows:

Page 11, the Paragraph beginning with the words "Referring to Fig. 5,"

Referring to Fig. 5, a block diagram of QPSK spreader 310 is shown. Operations of QPSK spreader 310 as shown include the Walsh cover operation, summing operation for summing the signals of each forward link channel, complex multiplier operation, base band filtering operation, and carrier modulation operation to produce signal 313 for amplification and transmission from base station 410 to mobile stations in the coverage area. QPSK spreader ~~[[500]]~~ 310 may include more or less operations in a variety of configurations. A Walsh code normally is assigned to each channel in the forward link direction. After long code scrambling, the resulting I and Q signals pass through a Walsh cover operation. The Walsh cover operation for a channel is shown in a Walsh cover block 510. Walsh cover operation in block 510 includes multiplying the input I and Q signals 311 and 312 by the assigned Walsh function to produce Walsh covered I and Q signals 506 and 507.

Page 12, the Paragraph beginning with the words "If there are other channels ..."

If there are other channels to be combined on the forward link, I and Q signals 541 and 542 of other channels, after being Walsh covered by respective Walsh codes, like the Walsh cover operation in Walsh cover block 510, are inputs to summing blocks 543 and 544. Before Walsh cover operation, I signals 541 and Q signals 542 are passed through encoding and block interleaving operations, and long code scrambling operations similar to the long code scrambling operations shown for I signal 311 and Q signal 312. After the Walsh cover operations, I signals 506 and 541 are summed in summing block 543, and Q signals 507 and ~~[[544]]~~ 542 in summing block ~~[[542]]~~ 544. The results are combined I-signal 545, and combined Q-signal 546.